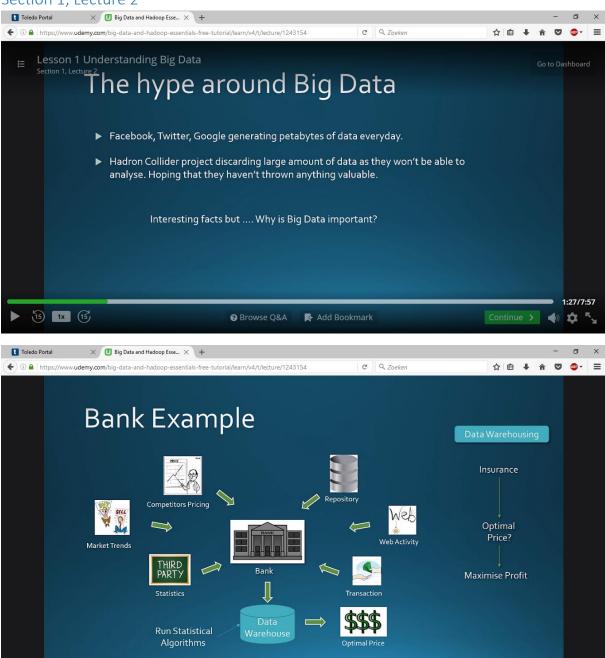
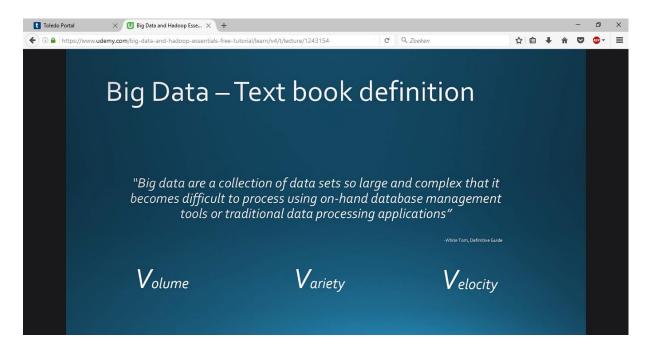
Big Data and Hadoop essentials

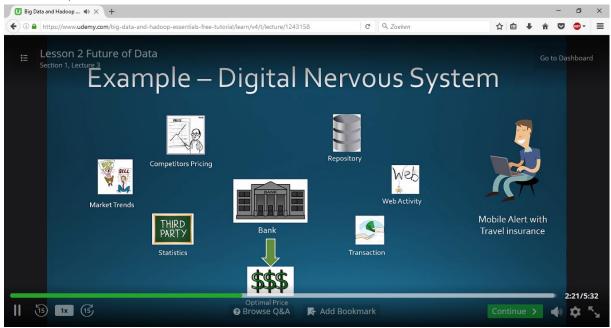
https://www.udemy.com/big-data-and-hadoop-essentials-free-tutorial/?dtcode=D8F9u2F1jMLu

Section 1, Lecture 2





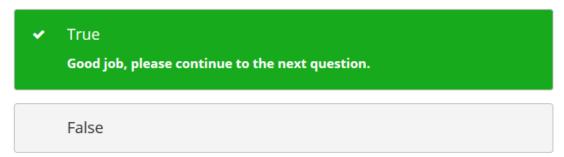
Section 1, Lecture 3



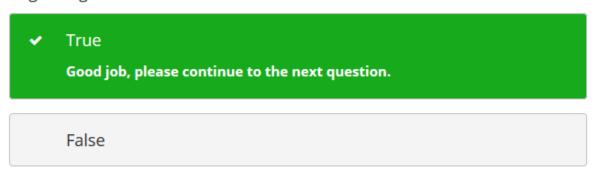
Section 1, Lecture 4



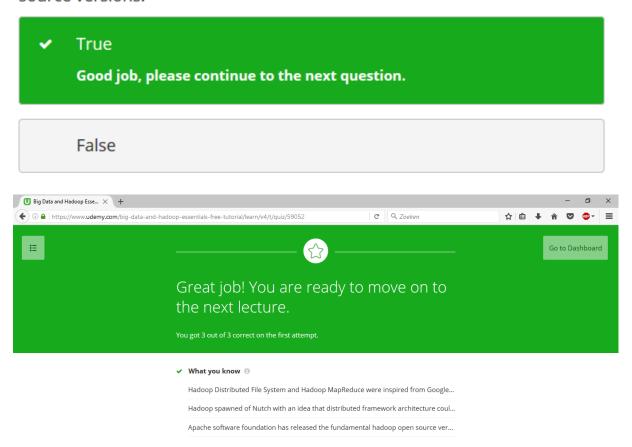
Hadoop Distributed File System and Hadoop MapReduce were inspired from Google File System and Google MapReduce Papers.



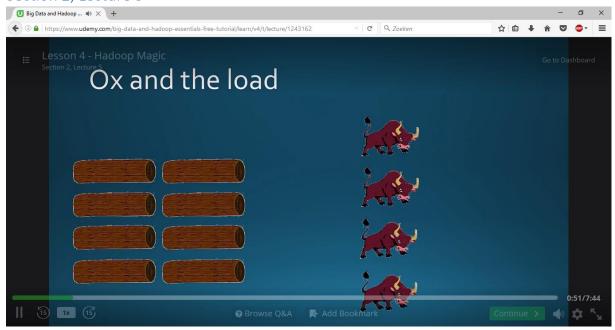
Hadoop spawned of Nutch with an idea that distributed framework architecture could be used for more purposes than just to solve search engine algorithms.

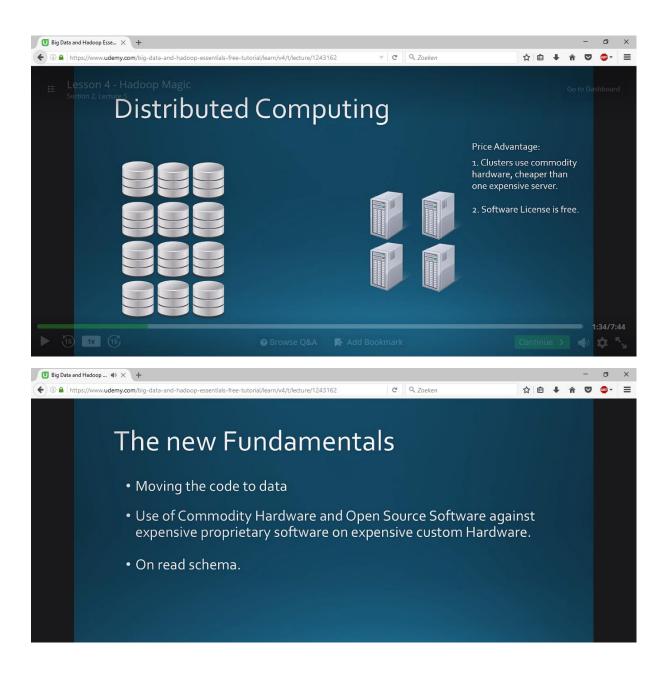


Apache software foundation has released the fundamental hadoop open source versions.



Section 2, Lecture 5





A pseudo organisation is looking to create a data warehouse system to run data analytics to get deeper insights of the customer behaviour. Which one would be more recommended between the two implementations:

Implementation 1:

Hardware Server (costing around 50K), Proprietary BI softwares like Cognos and Oracle for RDBMS etc

Implementation 2:

Cluster of Computers (costing 1K each), Open source softwares like Hadoop, Mahout and NoSql Database etc,

- 1 Implementation 1 is the best suited as Hadoop technologies is new and is not much efficient.
- Implementation 2 is better suited as Hadoop is the new way to go.
- It depends on the situation. Implementation 2 suites better for the batch processing requirements and for data sizes in PB and beyond.
- On the other hand implementation 1, would suite better if the data to be processed would be in the range of a few GBs and quick real time environment is needed.

Which one of the following is **not** a new fundamental idea brought in by hadoop

Move the code to data rather than the data to code.

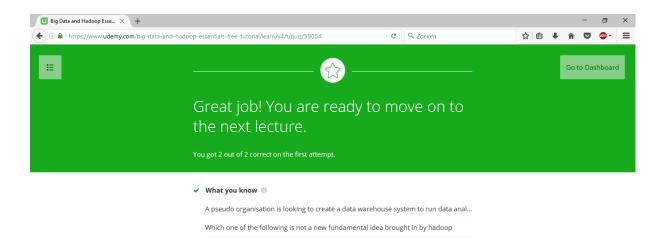
Use of commodity hardware, rather than expensive custom hardware.

To have schema on read.

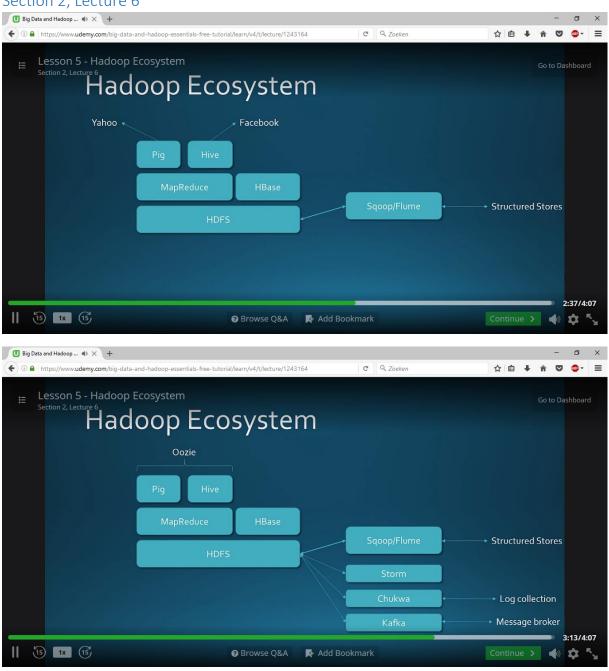
 By looking at the data around, a business can have deeper insights to customer.

Good job, please continue to the next question.

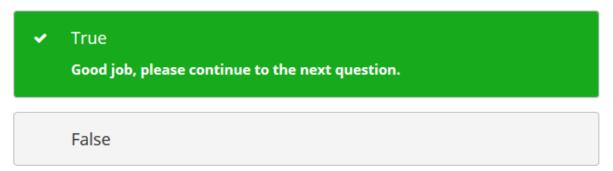
Add Answer



Section 2, Lecture 6



Hadoop ecosystem projects were independently developed and hence have a lot of compatibility issue and thus manual installation from scratch is not recommended. Open source packages provided by vendors is more recommended.



Section 2, Lecture 7

